

Minnesota Port and Waterway Security Working Group

Initial Meeting
January 12, 2012





Agenda



- Welcome: HSEM Director Kris Eide
- Introductions
- Discuss Purpose and Objectives
- Next Steps



Introductions

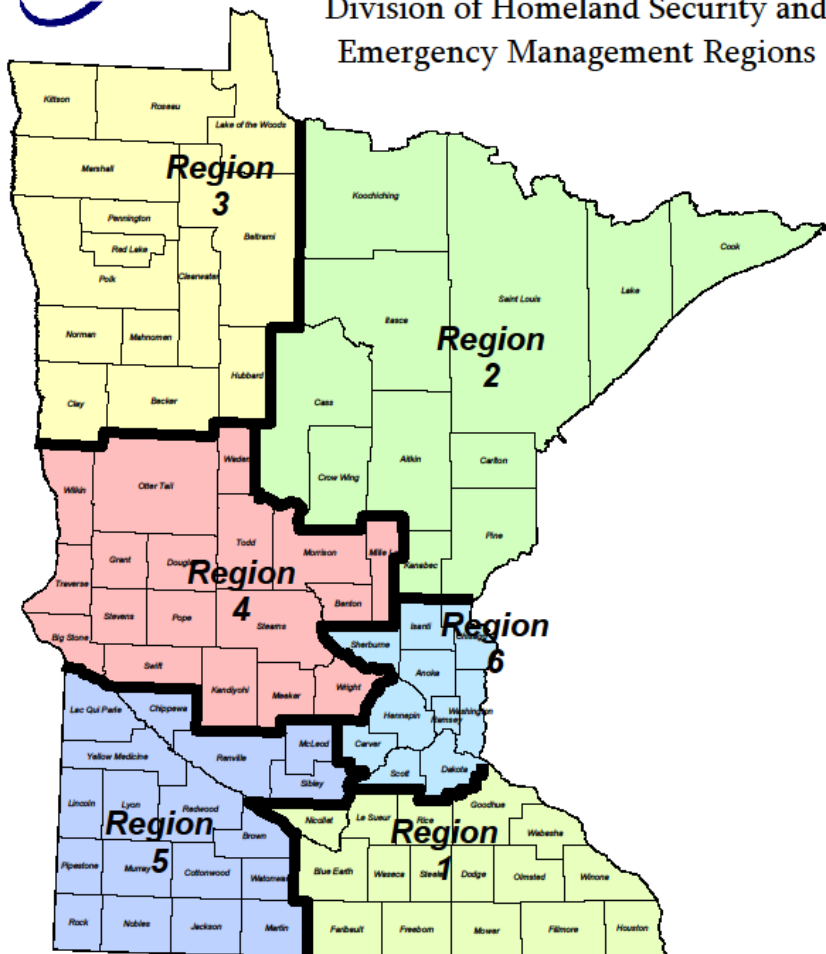


- Your name
- Agency & Position





Minnesota
Division of Homeland Security and
Emergency Management Regions



***HSEM* – Critical Infrastructure /Key Resources (CIKR) Planners:**

**Continuously working
on identification of CI
at federal, state, local
and tribal levels in all
regions of Minnesota**



Purpose:



- Identify, catalog, assess and prioritize statewide critical infrastructure/key resources located in and along our ports and on and along our waterways
- Enhance our awareness of statewide waterway security



Intention

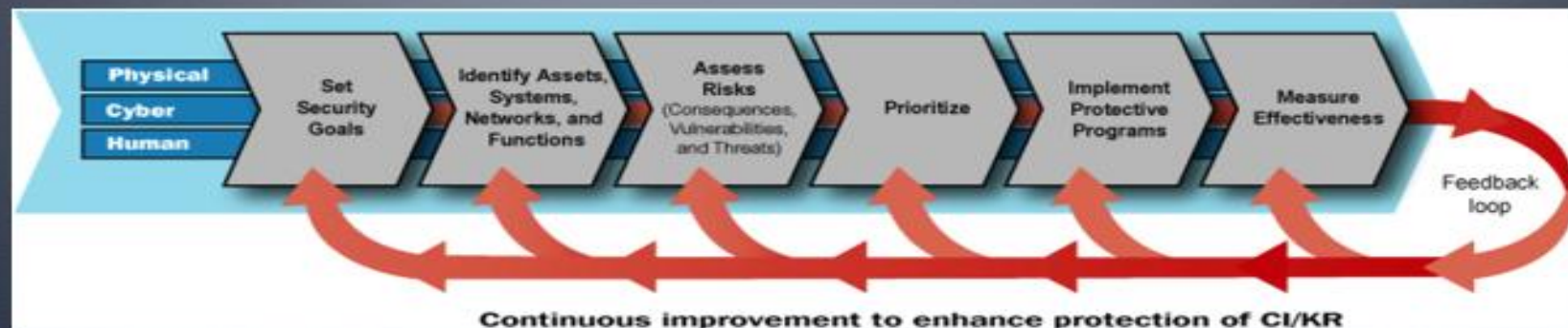


- Use Risk Management Framework (RMF)
- National Infrastructure Protection Plan (NIPP)
- Create an Overall Risk Picture of Minnesota's waterways

Risk Management Framework

The NIPP describes the processes to:

- Set Security Goals
- Identify Assets, Systems, Networks, and Functions
- Assess Risk (Consequences, Vulnerabilities, and Threats)
- Prioritize
- Implement Protective Programs
- Measure Effectiveness



Automated Critical Asset Management System (**ACAMS**)



Web-enabled information services portal that helps state and local governments build critical infrastructure/key resource (CIKR) protection programs in their local jurisdictions.



CI/KR Objectives



Identify Goals

Identify CI/KR assets

Catalog assets

Assess vulnerabilities

Prioritize assets

Critical Infrastructure Key Resources (CI/KR)

18 Vital Sectors:

1. Agriculture & food
2. Banking & finance
3. Chemical Industry
4. Commercial Facilities
5. Critical Manufacturing
6. Dams
7. Defense Industrial Base
8. Emergency Services
9. Energy
10. Military/Government facilities
11. Information technology
12. National monuments & Icons
13. Nuclear power plants
14. Postal & shipping
15. Public health
16. Telecommunications
17. Transportation
18. Water supply

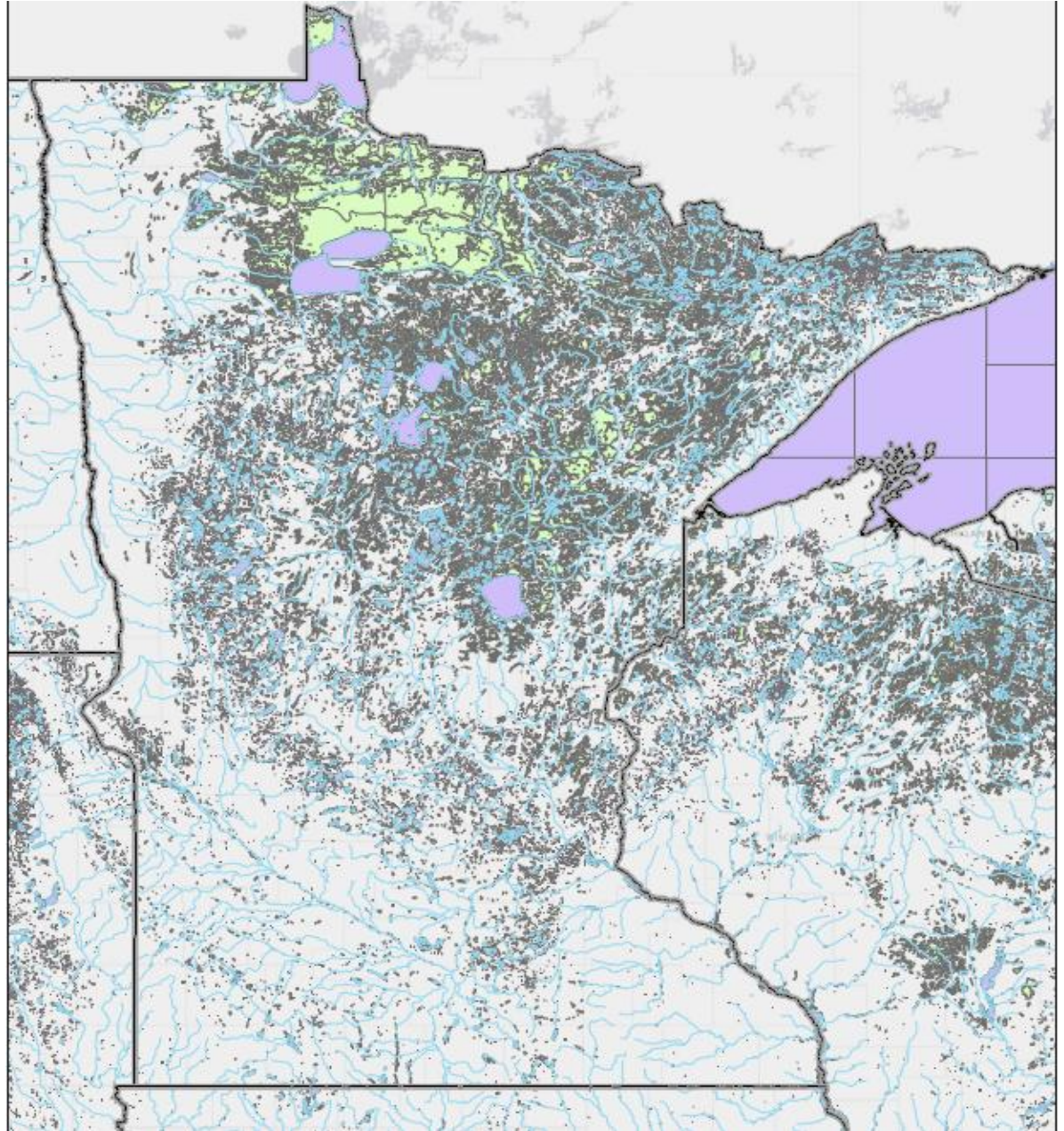


Committment



- 2 year working group (+/-)
- Identify the right people for this group
- Meet Quarterly
- Time to complete Assessment Process

Water Features in Minnesota





Minnesota Statistics



- 7,326 square miles of water =
13,136,357 surface acres of water
- 11,842 lakes (10+ acres or more)
- 6,564 natural rivers/streams (69,200 miles)

Mississippi River



- The Mississippi River System stretches over 222 miles in Minnesota, has eight USACE locks & dams and supports five port areas;



Annual Minnesota River Port Tonnage



| Port | 2010 | 2009 | 2008 | 2007 |
|-------------|-------------------|------------|-----------|------------|
| Minneapolis | 592,404 | 545,840 | 781,155 | 795,372 |
| St. Paul | 5,160,120 | 5,071,864 | 3,469,383 | 5,126,732 |
| Savage | 2,411,361 | 2,777,677 | 1,705,650 | 3,201,406 |
| Red Wing | 807,021 | 735,417 | 631,870 | 851,692 |
| Winona | 1,922,462 | 1,672,630 | 1,573,239 | 2,099,746 |
| Total | <u>10,893,368</u> | 10,803,428 | 8,160,297 | 12,074,948 |

Lake Superior



- Minnesota officially has 962,700 acres of waterways along Lake Superior with four ports; including Taconite Harbor, Silver Bay, Two Harbors and Duluth/Superior



Annual Minnesota Great Lakes Tonnage



| Port | 2010 | 2009 | 2008 | 2007 |
|-----------------|-------------------|------------|------------|------------|
| Duluth/Superior | 39,804,806 | 31,210,918 | 45,640,001 | 47,858,484 |
| Two Harbors | 13,892,225 | 6,222,014 | 13,302,382 | 13,736,351 |
| Silver Bay | 6,617,247 | 3,384,622 | 7,217,823 | 5,487,958 |
| Taconite Harbor | 663,934 | 709,108 | 859,868 | 914,022 |
| Total | <u>60,978,212</u> | 41,526,662 | 67,056,074 | 67,996,815 |

PORT SECURITY GRANT PROGRAM (PSGP)



Purpose: to create a sustainable, risk-based effort to **protect critical port infrastructure** from terrorism, particularly attacks using explosives and non-conventional threats that could cause major disruption to commerce.

PORT SECURITY GRANT PROGRAM (PSGP)



★ Four Priorities:

- 🚢 Enhance Maritime Domain Awareness (including Communications).
- 🚢 Enhance IED and CBRNE protection, prevention, response, and recovery capabilities.
- 🚢 Training and exercise
- 🚢 Efforts supporting implementation of the Transportation Worker Identifying Credentialing (TWIC) system.



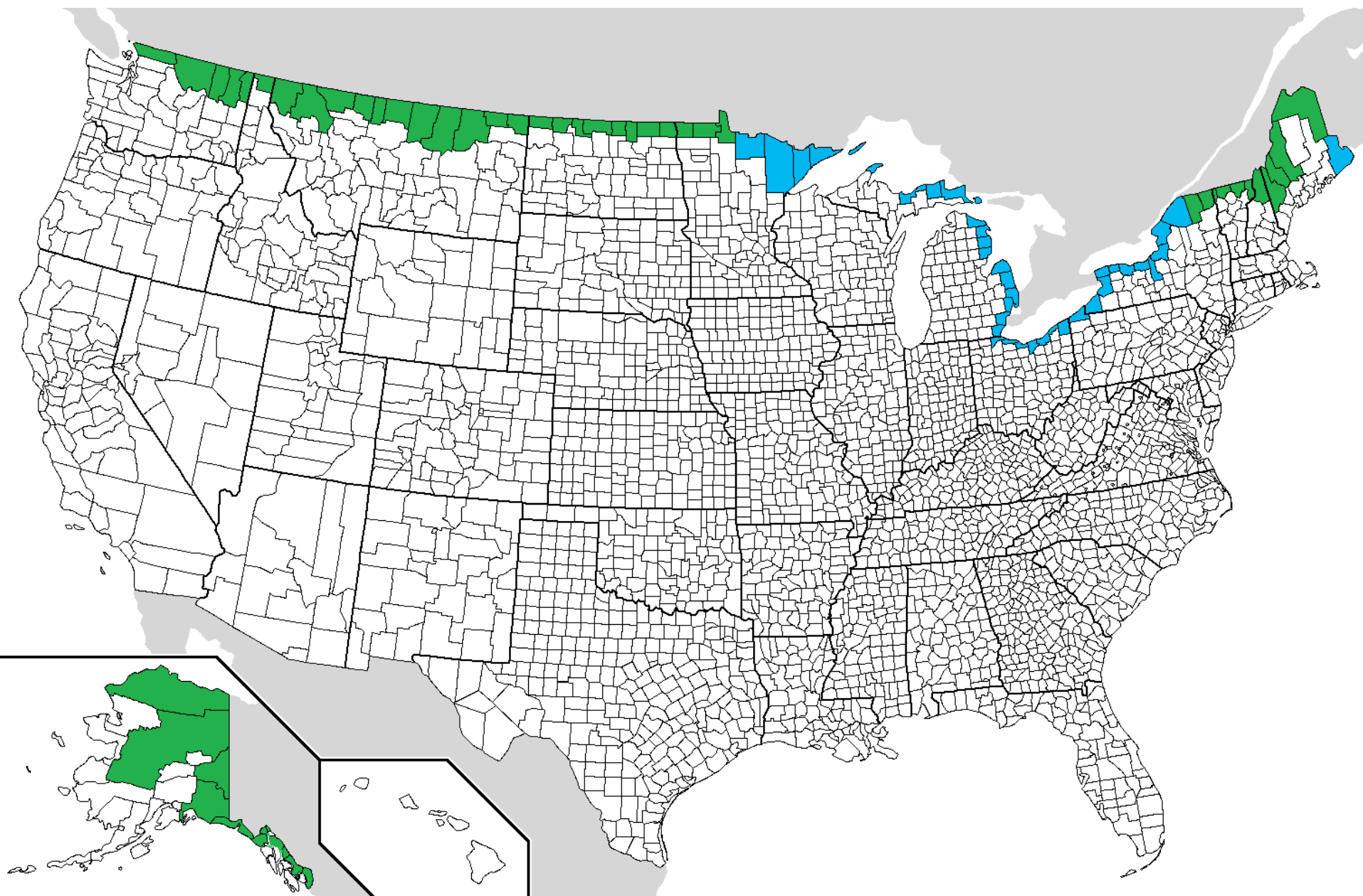
Established AMSC's



- Area Maritime Security Committee's:
 - Western Lake Superior (Duluth – Superior)
 - Upper Midwest (Twin Cities – Mississippi river)



United States Counties with **land** or **water** borders with Canada



Minnesota's Northern Border



- 547 miles of total border; 103 miles of land and 444 miles of water
- 8 ports of entry





Canadian Border Bigger Terror Threat Than Mexican Border, Says Border Patrol Chief

Washington (CNSNews.com) May 18, 2011 – The U.S. Customs and Border Protection agency **has apprehended more suspected terrorists on the nation's northern border than along its southern counterpart**, CBP Commissioner Alan Bersin said Tuesday.

“In terms of the terrorist threat, it's commonly accepted that the **more significant threat**” **comes from the U.S.-Canada border**, Bersin told a hearing of the Senate Judiciary subcommittee on Immigration, Refugees, and Border Security.

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United States and Canada Boundary Waters Treaty of 1909

The Boundary Waters Treaty of 1909 is perhaps the most important bilateral agreement between Canada and the United States.

The treaty provides principles for Canada and the United States to follow in using the waters they share.

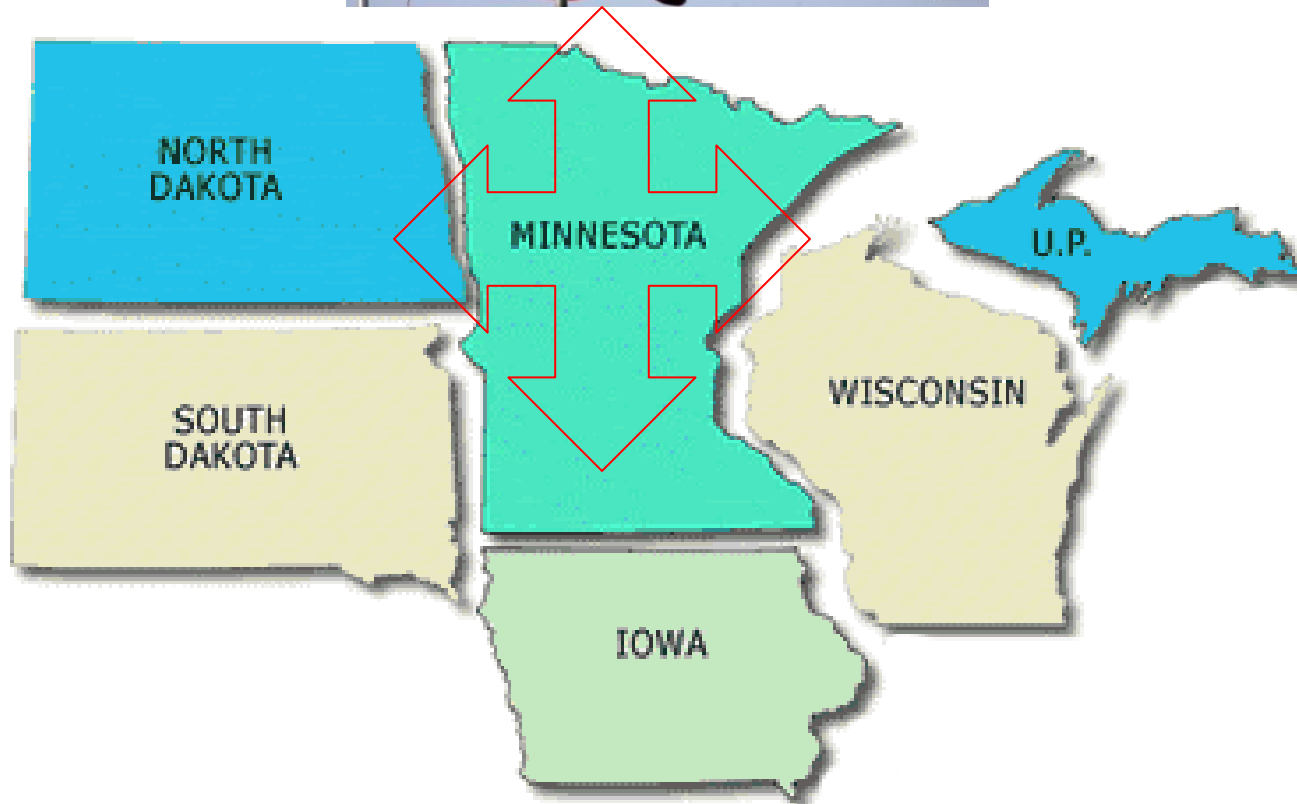
Wildland fire agreement of 1936

During the exceptionally hot and dry summer of 1936, there were two large fires in the BWCA accessible only by canoe and portages. These created an agreement for emergency services between the United States and Canada to cross the border to fight wild fires two miles either side of the border.

The Cherokee Lake Fire occurred on Saturday July 11, 1936 lighting caused three serious fires in the Sawbill area, devastating nearly ten thousand acres. It took 619 firefighters from United States and Canada to contain the fire, one firefighter was killed (drowned).

Frost Lake Fire occurred August 12, 1936 Frost Lake fire consumed 3,400 acres and required eight hundred firefighters from the United States & Canada helped to fight the fire at a cost of \$25,000 plus a timber loss of \$46,000.





Cross Border initiatives

OPERATION STONEGARDEN (OPSG)

“to enhance the capabilities of federal, state, local and tribal law enforcement agencies to jointly secure U.S. borders and territories.”

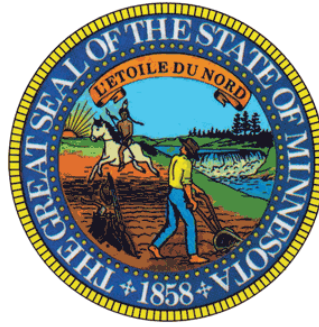


Operation Stonegarden (OPSG)



- Funding available to the 7 northern border counties. Augments CBP operations with local support.
- In addition to manpower support, OPSG has provided the following examples of equipment to local Jurisdictions:

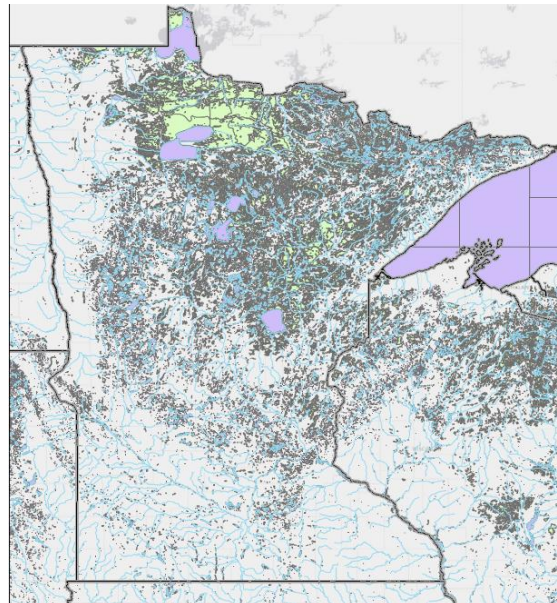
| 4x4 Vehicles | ATV / UTV | Patrol Boats | Firearms |
|--------------|-----------|----------------|----------------|
| SRT Gear | Tazer's | Scopes | NVG Devices |
| CMD Vehicle | IR Units | Binoculars | GPS Devices |
| Cameras | Radios | Patrol Vehicle | Cell/Sat Phone |



NORTHERN BORDER STATE RESOURCES



Minnesota Port and Waterway Security Working Group...





Where Are We Now?



- State's Strategic Goal
- Improve our assets inventoried and protected under PCII
- Implement Protective Programs via the Grant Programs



CI/KR Objectives



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Thank you!